

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL**

**WELL COMPLETION FORM**

WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Operator: License # 5135  
Name: JOHN O. FARMER, INC.  
Address: P.O. Box 352  
City/State/Zip: Russell, KS 67665  
Purchaser: \_\_\_\_\_  
Operator Contact Person: John O. Farmer, IV  
Phone: (785-) 483-3144  
Contractor: Name: Discovery Drilling Co., Inc.  
License: 31548  
Wellsite Geologist: Matt Dreiling

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AUG 04 2003  
KCC WICHITA  
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Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
6/28/03 7/3/03 7/4/03  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 065-22,915-00-00  
County: Graham  
NW NW NW Sec. 16 Twp. 9 S. R. 21W  East  West  
330 feet from  (N) (circle one) Line of Section  
330 feet from  (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  (NW) SW  
Lease Name: Clack "A" Well #: 2  
Field Name: Morel  
Producing Formation: None  
Elevation: Ground: 2228' Kelly Bushing: 2236'  
Total Depth: 3797' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 226.80 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Field Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content 14,000 ppm Fluid volume 320 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

*PAID 9.10.03*

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: John O. Farmer IV  
Title: Vice-President Date: 8-1-03  
Subscribed and sworn to before me this 1st day of August,  
2003  
Notary Public: Margaret A. Schulte  
Date Commission Expires: \_\_\_\_\_

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

NOTARY PUBLIC - State of Kansas  
MARGARET A. SCHULTE  
1-27-05

Operator Name: JOHN O. FARMER, INC. Lease Name: CLACK "A" Well #: 2  
 Sec. 16 Twp. 9 S. R. 21W  East  West County: Graham

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Radiation Guard Log  
 Dual Induction Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	1715'	(+521)
Topeka	3171'	(-935)
Heebner	3380'	(-1144)
Toronto	3403'	(-1167)
Lansing/KC	3420'	(-1184)
Stark	3598'	(-1362)
Base/KC	3632'	(-1396)
Arbuckle	3726'	(-1490)
L.T.D.	3796'	(-1560)

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
Surface Pipe	12 1/4"	8 5/8"	24 #	226.80'	Common	150	2%Gel&3%CC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

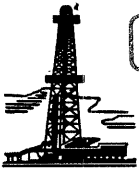
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr.	Producing Method						
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Duaily Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_



**CONFIDENTIAL**  
**Discovery**  
**Drilling**

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 695-1311

**KCC**

AUG 0 1 2003

**CONFIDENTIAL**

**DRILLER'S LOG**

**ORIGINAL**

RECEIVED

AUG 0 4 2003

KCC WICHITA

Operator: **John O. Farmer, Inc.**  
 PO Box 352  
 Russell, KS 67665

Contractor: **Discovery Drilling Co., Inc.**  
 PO Box 763  
 Hays, KS 67601

Lease: Clack "A" #2

Location: NW/NW/NW  
 Sec. 16/9S/21W  
 Graham Co., KS

Loggers Total Depth: 3796'  
 Rotary Total Depth: 3797'  
 Commenced: 6/28/2003  
 Casing: 8 5/8" @ 226.80' w/150sks

Elevation: 2228' GL / 2236' KB  
 Completed: 7/4/2003  
 Status: D & A

**DEPTHS & FORMATIONS**  
 (All from KB)

Surface, Sand & Shale	0'	Shale	1753'
Dakota Sand	564'	Shale & Lime	2065'
Shale	722'	Shale	2508'
Cedar Hill Sand	1211'	Shale & Lime	3004'
Red Bed Shale	1448'	Lime & Shale	3366'
Anhydrite	1716'	RTD	3797'
Base Anhydrite	1753'		

STATE OF KANSAS )  
 ) ss  
 COUNTY OF ELLIS )

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

*Thomas H. Alm*

Thomas H. Alm

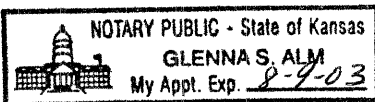
Subscribed and sworn to before me on 7-7-03

My Commission expires: 8-9-03

(Place stamp or seal below)

*Glenna S. Alm*

Notary Public



# ALLIED CEMENTING CO., INC. 15201

ORIGINAL

Federal Tax I.D.# ~~45-7898~~

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67565

**CONFIDENTIAL**

SERVICE POINT: Russell

KCC  
AUG 01 2003

DATE <u>6-28-03</u>	SEC. <u>16</u>	TWP. <u>9</u>	RANGE <u>21</u>	CALLED OUT <u>2:00pm</u>	ON LOCATION <u>5:00pm</u>	JOB START <u>7:45 pm</u>	JOB FINISH <u>8:15 pm</u>
LEASE <u>Clack</u>	WELL # <u>A-2</u>	LOCATION <u>Church of God 3W</u>		COUNTY <u>Graham</u>	STATE <u>KANSAS</u>		
OLD OR NEW (Circle one) <u>NEW</u>				<u>3N 1E SS.</u>			

**CONFIDENTIAL**

CONTRACTOR Discovery Day Rig #1

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 226'

CASING SIZE 8 5/8 DEPTH 225'

TUBING SIZE New 24# DEPTH \_\_\_\_\_

DRILL PIPE DEPTH \_\_\_\_\_

TOOL DEPTH \_\_\_\_\_

PRES. MAX MINIMUM \_\_\_\_\_

MEAS. LINE SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 13 1/2 BBL

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Glenn

# 345 HELPER Dave

BULK TRUCK \_\_\_\_\_

# 282 DRIVER Rufus

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 150 sk Com. 2% cc

COMMON	<u>150</u>	@	<u>7.45</u>	<u>1072.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>1.15</u>	<u>172.50</u>
MILEAGE	<u>5#/sk/mile</u>			<u>337.50</u>
TOTAL				<u>1762.50</u>

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KCC WICHITA

REMARKS:

SERVICE

Cement Circulated. ✓

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 520.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 45 @ 3.50 157.50

PLUG 8 5/8 WOODEN @ 45.00

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

THANKS

TOTAL 722.50

CHARGE TO: John O. Farmer Inc.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Thomas AC

Thomas ALm  
PRINTED NAME

# ALLIED CEMENTING CO., INC.

15677

ORIGINAL

Federal Tax I.D.# ~~48-123456789~~

REMIT TO P.O. BOX  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell

**CONFIDENTIAL**

KCC

AUG 01 2003

CONFIDENTIAL

DATE <u>7-4-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>4:45pm</u>	JOB FINISH <u>8:00pm</u>
LEASE <u>CLACK</u>	WELL # <u>Z</u>	LOCATION <u>CHAURCH OF COB 3W 3W</u>			COUNTY <u>GRAHAM</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)				<u>1E</u>			

CONTRACTOR <u>DISCOVERY</u>	OWNER
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>3797</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT	AMOUNT ORDERED	<u>225 6940 6% CEL</u>
		<u>4" FLO-SEAL/KL</u>
COMMON	<u>135</u>	@ <u>7.15</u> <u>965.25</u>
POZMIX	<u>90</u>	@ <u>3.80</u> <u>342.00</u>
GEL	<u>11</u>	@ <u>10.00</u> <u>110.00</u>
CHLORIDE		@
<u>Floenl</u>	<u>56#</u>	@ <u>1.40</u> <u>78.40</u>
		@
		@
		@
		@
HANDLING	<u>225</u>	@ <u>1.15</u> <u>258.75</u>
MILEAGE	<u>54 1/2</u>	@ <u>1.00</u> <u>54.50</u>
		TOTAL <u>2260.45</u>

**EQUIPMENT**

PUMP TRUCK	CEMENTER <u>MARK</u>
# <u>345</u>	HELPER <u>MIKE</u>
BULK TRUCK	
# <u>362</u>	DRIVER <u>RUFUS</u>
BULK TRUCK	
#	DRIVER

**REMARKS:**

**SERVICE**

<u>25</u>	<u>SKS</u>	<u>C</u>	<u>ARZ</u>
<u>25</u>	<u>SKS</u>	<u>C</u>	<u>1730</u>
<u>100</u>	<u>SKS</u>	<u>C</u>	<u>745</u>
<u>40</u>	<u>SKS</u>	<u>C</u>	<u>275</u>
<u>10</u>	<u>SKS</u>	<u>C</u>	<u>40</u>
<u>10</u>	<u>SKS</u>	<u>C</u>	<u>M.H.</u>
<u>15</u>	<u>SKS</u>	<u>C</u>	<u>R.H.</u>

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>630.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>45</u> @ <u>3.50</u> <u>157.50</u>
PLUG <u>8 5/8</u> <u>DRYHOLE</u>	@ <u>23.00</u>
	@
	@
TOTAL <u>810.50</u>	

CHARGE TO: J.D. FARMER

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Thomas Alan

Thomas Alan  
PRINTED NAME